

Notice of Allowability

Application No.

09/864,112

Examiner

Kambiz Zand

Applicant(s)

GENTY ET AL.

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 05/19/2005.
2. ☒ The allowed claim(s) is/are 1-3, 6-9, 12-16, 19-20, now re-numbered as claims 1-14.
3. ☒ The drawings filed on 21 May 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
 - * Certified copies not received: _____.

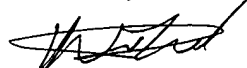
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 03/24/2005
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

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DETAILED ACTION

1. The text of those sections of Title 35, U.S. Code not included in this section can be found in the prior office action.
2. The prior office actions are incorporated herein by reference. In particular, the observations with respect to claim language, and response to previously presented arguments.
3. Claims 4, 5, 10, 11, 17 and 18 have been cancelled.
4. Claims 1, 6-8, 12-14, 19 and 20 have been amended.
5. Claims 1-3, 6-9, 12-16 and 19-20, now re-numbered as claims 1-14 are pending.

Response to Arguments

6. Applicant's arguments filed 05/19/2005 have been fully considered and they are persuasive.

Information Disclosure Statement PTO-1449

7. The Information Disclosure Statement submitted by applicant on 03/24/2005 has been considered. Please see attached PTO-1449.
 - Schneier (applied cryptography, 1996, John Wiley and Sons, second edition, pp.185-187) disclose public-key key management where each person poses only one public key, regardless of the number of people on the network; it describes the definition of public-key certificate, that is signing of the public key certificate

by a trusted third party; where it avoids the Mallory attacks where a public key could be replaced by another key; it discloses the time stamping of the certificate for validation integrity and authentication procedure for authenticating the certificate; it further discloses distribution of the key where introducer are introduced instead of centralized key management.

- Elgamal et al (5,657,390) disclose secure socket layer application program apparatus and method wherein, the security protocol bounded to the application interface is layered between an application layer and transport layer, using session key and generating a master key for establishing secure connections.
- Richard et al (5,922,074 A) disclose method and apparatus for providing secure distributed directory services and public key infrastructure such as , public key certificates, certificate revocation lists, pending certificate requests, certification authority policy that are stored in the directory server, it can download such information and the certificate can be used as vectors for directory search, and based on the identity, a connection to a particular node is established.

However Schneier, Elgamal et al and Richard et al singly or in combination do not disclose the specific steps method and system and computer program product stored on a computer readable medium as recited in the Applicant's independent claims.

Allowable Subject Matter

8. Claims 1-3, 6-9, 12-16 and 19-20 are allowed based on applicant's arguments, amendments and in the light of the specification.

Conclusion

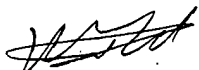
9. Any comments considered necessary by the applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submission should be clearly labeled "comments on statement of reasons for allowance."
10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kambiz Zand whose telephone number is (571) 272-3811. The examiner can normally be reached on Monday-Thursday (8:00-5:00). If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on (571) 272-3799. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see

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<http://pair-direct.uspto.gov>. Should you have questions on access to the Private

PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197

(toll-free).



Kambiz Zand

06/14/2005

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